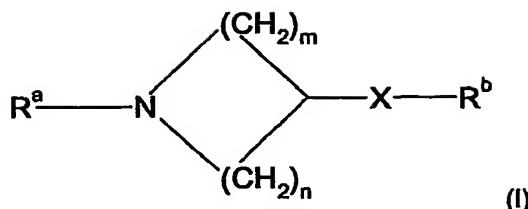


**CLAIMS**

1. A compound of the Formula I:



5

or any of its isomers or any mixture of its isomers,

or a pharmaceutically acceptable salt thereof,

wherein

$\text{R}^a$  represents hydrogen or alkyl;

10

$m$  is 0, 1 or 2;

$n$  is 1, 2, 3, 4 or 5;

with the proviso that the sum of  $m$  and  $n$  equals 2, 3, 4 or 5;

$X$  represents  $-\text{O}-$ ,  $-\text{S}-$  or  $-\text{NR}^c-$ ;

wherein  $\text{R}^c$  represents hydrogen, alkyl,  $-\text{C}(=\text{O})\text{R}^d$  or  $-\text{SO}_2\text{R}^d$ ;

15

wherein  $\text{R}^d$  represents hydrogen or alkyl;

$\text{R}^b$  represents an aryl or a heteroaryl group,

which aryl or heteroaryl group is optionally substituted with one or more substituents independently selected from the group consisting of:

halo, trifluoromethyl, trifluoromethoxy, cyano, hydroxy, amino, nitro, alkoxy, cycloalkoxy, alkyl, cycloalkyl, cycloalkylalkyl, alkenyl and alkynyl.

20 2. The chemical compound of claim 1, wherein

$\text{R}^a$  represents hydrogen.

3. The chemical compound of claim 1, wherein

$\text{R}^a$  represents methyl.

25

4. The chemical compound of any one of claims 1-3, wherein  
 $m$  is 2 and  $n$  is 2; or  $m$  is 1 and  $n$  is 2; or  $m$  is 1 and  $n$  is 1.

5. The chemical compound of any one of claims 1-4, wherein

30  $X$  represents  $-\text{O}-$ .

6. The chemical compounds of any one of claims 1-5, wherein

21

$R^b$  represents an aryl or a heteroaryl group,  
which aryl or heteroaryl group is substituted with one or more substituents  
independently selected from the group consisting of:  
halo, trifluoromethyl, trifluoromethoxy, cyano and alkoxy.

- 5 7. The chemical compound of any one of claims 1-5, wherein  
 $R^b$  represents a phenyl group,  
which phenyl group is substituted with one or more substituents  
independently selected from the group consisting of:  
halo, trifluoromethyl, trifluoromethoxy, cyano and alkoxy.
- 10 8. The chemical compound of any one of claims 1-5, wherein  
 $R^b$  represents a thienyl group,  
which thienyl group is substituted with one or more substituents  
independently selected from the group consisting of:  
halo, trifluoromethyl, trifluoromethoxy, cyano and alkoxy.
- 15 9. The chemical compound of any one of claims 1-5, wherein  
 $R^b$  represents a pyridyl group,  
which pyridyl group is substituted once or twice with substituents  
independently selected from the group consisting of:  
halo, trifluoromethyl, trifluoromethoxy, cyano and alkoxy.
- 20 10. The chemical compound of claim 1, which is  
4-(2,3-Dichloro-thiaphenoxy)-1-methyl-piperidine;  
4-(2,3-Dichloro-phenoxy)-piperidine  
4-(3,4-Dichloro-phenoxy)-piperidine
- 25 4-(3,4,5-Trichloro-thienyloxy)-piperidine  
4-(1-Naphthyloxy)-piperidine;  
4-(1-Isoquinolinylloxy)-piperidine;  
4-(2-Quinolinylloxy)-piperidine;  
4-(5-Isoquinolinylloxy)-piperidine;
- 30 4-(4-Bromo-3-chloro-phenoxy)-piperidine;  
4-(2,3-Dichloro-thiophenoxy)-piperidine;  
( $\pm$ )-3-(2,3-Dichloro-phenoxy)-pyrrolidine;  
( $\pm$ )-3-(3,4,5-Trichloro-thienyloxy)-pyrrolidine;  
( $\pm$ )-3-(1-Isoquinolinylloxy)-pyrrolidine;
- 35 ( $\pm$ )-3-(2-Quinolinylloxy)-pyrrolidine;  
( $\pm$ )-3-(3-Chloro-2-pyridinylloxy)-pyrrolidine;

- 3-(3,4,5-Trichloro-thienyloxy)-azetidine;  
(±)-4-(3,4-Dichloro-phenoxy)-azepane;  
3-(3,4-Dichloro-phenoxy)-azetidine  
4-(5-Chloro-pyrid-2-yloxy)-piperidine;
- 5 4-(5-Bromo-pyrid-2-yloxy)-piperidine;  
4-(5-Iodo-pyrid-2-yloxy)-piperidine;  
4-(5,6-Dichloro-pyrid-2-yloxy)-piperidine;  
4-(5-Bromo-6-chloro-pyrid-2-yloxy)-piperidine;  
4-(6-Bromo-5-chloro-pyrid-2-yloxy)-piperidine;
- 10 4-(4,5-Dichloro-pyrid-2-yloxy)-piperidine;  
4-(4-Bromo-5-chloro-pyrid-2-yloxy)-piperidine;  
4-(5-Bromo-4-chloro-pyrid-2-yloxy)-piperidine;  
4-(6-Chloro-pyrid-2-yloxy)-piperidine;  
4-(6-Bromo-pyrid-2-yloxy)-piperidine;
- 15 4-(6-Iodo-pyrid-2-yloxy)-piperidine;  
4-(6-Methoxy-pyrid-2-yloxy)-piperidine;  
4-(2,3-Dichloro-phenoxy)-1-methyl-piperidine  
4-(3,4-Dichloro-phenoxy)-1-methyl-piperidine  
(±)-3-(2,3-Dichloro-phenoxy)-1-methyl-pyrrolidine;
- 20 3-(3,4,5-Trichloro-thienyloxy)-1-methyl-azetidine;  
(±)-4-(3,4-Dichloro-phenoxy)-1-methyl-azepane;  
or a pharmaceutically acceptable salt thereof.
11. A pharmaceutical composition, comprising a therapeutically effective amount of a compound of any one of claims 1-10, or any of its isomers or any mixture of its isomers, or a pharmaceutically acceptable salt thereof, together with at least one pharmaceutically acceptable carrier, excipient or diluent.
- 25 12. Use of the chemical compound of any of claims 1-10, or any of its isomers or any mixture of its isomers, or a pharmaceutically acceptable salt thereof, for the manufacture of a medicament.
- 30 13. The use according to claim 12, for the manufacture of a pharmaceutical pharmaceutical composition for the treatment, prevention or alleviation of a disease or a disorder or a condition of a mammal, including a human, which disease, disorder or condition is responsive to inhibition of monoamine neurotransmitter re-uptake in the central nervous system.

BEST AVAILABLE COPY

## 23

14. The use according to claim 13, wherein the disease, disorder or condition  
is mood disorder, depression, atypical depression, major depressive disorder,  
dysthymic disorder, bipolar disorder, bipolar I disorder, bipolar II disorder,  
cyclothymic disorder, mood disorder due to a general medical condition,  
5 substance-induced mood disorder, pseudodementia, Ganser's syndrome,  
obsessive compulsive disorder, panic disorder, panic disorder without  
agoraphobia, panic disorder with agoraphobia, agoraphobia without history of  
panic disorder, panic attack, memory deficits, memory loss, attention deficit  
10 hyperactivity disorder, obesity, anxiety, generalized anxiety disorder, eating  
disorder, Parkinson's disease, parkinsonism, dementia, dementia of ageing,  
senile dementia, Alzheimer's disease, acquired immunodeficiency syndrome  
dementia complex, memory dysfunction in ageing, specific phobia, social phobia,  
post-traumatic stress disorder, acute stress disorder, drug addiction, drug  
misuse, cocaine abuse, nicotine abuse, tobacco abuse, alcohol addiction,  
15 alcoholism, pain, chronic pain, inflammatory pain, neuropathic pain, migraine  
pain, tension-type headache, chronic tension-type headache, pain associated  
with depression, fibromyalgia, arthritis, osteoarthritis, rheumatoid arthritis, back  
pain, cancer pain, irritable bowel pain, irritable bowel syndrome, post-operative  
pain, post-stroke pain, drug-induced neuropathy, diabetic neuropathy,  
20 sympathetically-maintained pain, trigeminal neuralgia, dental pain, myofacial  
pain, phantom-limb pain, bulimia, premenstrual syndrome, late luteal phase  
syndrome, post-traumatic syndrome, chronic fatigue syndrome, urinary  
incontinence, stress incontinence, urge incontinence, nocturnal incontinence,  
sexual dysfunction, premature ejaculation, erectile difficulty, erectile dysfunction,  
25 eating disorders, anorexia nervosa, sleep disorders, autism, mutism,  
trichotillomania, narcolepsy, post-stroke depression, stroke-induced brain  
damage, stroke-induced neuronal damage or Gilles de la Tourettes disease.
15. A method for treatment, prevention or alleviation of a disease or a disorder or a  
30 condition of a living animal body, including a human, which disorder, disease or  
condition is responsive to inhibition of monoamine neurotransmitter re-uptake in  
the central nervous system, which method comprises the step of administering to  
such a living animal body in need thereof a therapeutically effective amount of a  
compound according to any one of the claims 1-10, or any of its isomers or any  
35 mixture of its isomers, or a pharmaceutically acceptable salt thereof.